

Title (en)
WIRELESS OPERATING ROOM COMMUNICATION SYSTEM INCLUDING VIDEO OUTPUT DEVICE AND VIDEO DISPLAY

Title (de)
DRAHTLOSES BETRIEBSRAUMKOMMUNIKATIONSSYSTEM MIT VIDEOAUSGABEVORRICHTUNG UND VIDEOANZEIGE

Title (fr)
SYSTÈME DE COMMUNICATION SANS FIL DE SALLE D'OPÉRATION COMPRENANT UN DISPOSITIF DE SORTIE VIDÉO ET UN AFFICHAGE VIDÉO

Publication
EP 3672235 A1 20200624 (EN)

Application
EP 19215259 A 20091030

Priority

- US 19992108 P 20081121
- EP 09752516 A 20091030
- US 2009005934 W 20091030

Abstract (en)
The invention relates to a wireless operating room communication system. The system comprises a multiple device control unit; an endoscope camera and a wireless video transmitter unit; at least one surgical device; and a wireless video display unit including a non-video transmitter and a video receiver. The multiple device control unit, the wireless transmitter unit, the at least one said device and the wireless video display unit are configured to synchronize with the video signal. The at least one device and the multiple device control unit are capable of transmitting control signals on the same frequency channel as the video signals transmitted by said wireless video transmitter unit.

IPC 8 full level
H04N 7/18 (2006.01); **A61B 1/00** (2006.01); **A61B 17/00** (2006.01); **A61B 90/00** (2016.01); **H04N 5/232** (2006.01)

CPC (source: EP KR US)
A61B 1/00016 (2013.01 - EP KR US); **A61B 17/00** (2013.01 - EP KR US); **A61B 90/37** (2016.02 - EP KR US);
A61B 2017/00221 (2013.01 - EP KR US)

Citation (applicant)

- US 2008139881 A1 20080612 - COVER REID [US], et al
- US 2007098063 A1 20070503 - REZNIC ZVI [IL], et al
- US 2007177670 A1 20070802 - ELNATHAN NATHAN [IL], et al

Citation (search report)

- [XYI] US 2008207127 A1 20080828 - IJICHI TOSHIRO [JP], et al
- [I] US 2006116667 A1 20060601 - HAMEL ANDREW J [US], et al
- [Y] WO 2008063565 A2 20080529 - STRYKER CORP [US], et al
- [A] US 2001015754 A1 20010823 - NAKASHIMA MASAOKI [JP], et al
- [A] EP 1769726 A2 20070404 - FUJINON CORP [JP]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010059179 A1 20100527; AU 2009318123 A1 20100527; AU 2009318123 B2 20140327; CA 2741732 A1 20100527;
CA 2741732 C 20160517; CN 102224732 A 20111019; CN 102224732 B 20150429; CN 103957350 A 20140730; CN 103957350 B 20170616;
EP 2359598 A1 20110824; EP 3672235 A1 20200624; JP 2012509639 A 20120419; JP 2014204964 A 20141030; JP 5587331 B2 20140910;
JP 5838230 B2 20160106; KR 101685219 B1 20161209; KR 20110097861 A 20110831; US 2011193949 A1 20110811;
US 8558880 B2 20131015

DOCDB simple family (application)
US 2009005934 W 20091030; AU 2009318123 A 20091030; CA 2741732 A 20091030; CN 200980146401 A 20091030;
CN 201410063027 A 20091030; EP 09752516 A 20091030; EP 19215259 A 20091030; JP 2011537410 A 20091030;
JP 2014038937 A 20140228; KR 20117014154 A 20091030; US 99842509 A 20091030